

Friday, August 11, 2017 11:18:56 AM

Page 1

NR2

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

165015

Page 2

N900040100

Setup Start *NS1*

Stop *NS2*

10

10

Customer:

Reference:

Run Start *NR1*

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00

130

Packaging

Packaging

Memo

0.10

12

SEP 20 2017

DAS
6

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Quality Control

Memo

1.00

17/9/21

SEP

SEP 20 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Friday, August 11, 2017 11:18:55 AM

Page 1

Work Order ID: 165015

165015

Parent Item: D4735-1

D4735-1

Parent Item Name: Scuff Plate

Start Date: 8/14/2017

Required Date: 9/11/2017

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP REV:A 12.11.01 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4735-1P *D4735-1P* Scuff Plate		Purchased	No			110	Each	0.0000	1	10			
									**	10 x 8017-9-19.			

DQA: _____ Date: _____



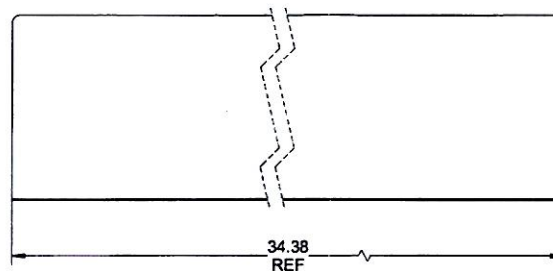
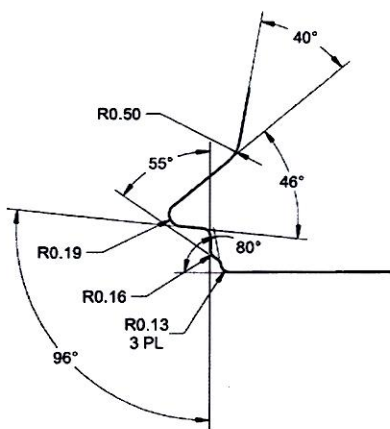
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

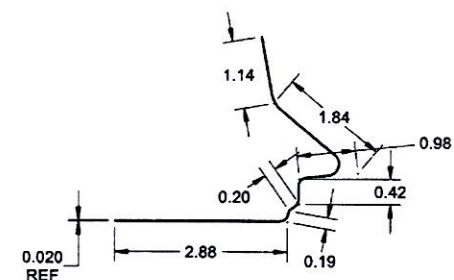
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
Misidentified	☐	Past Due	☐								



D4735-1 SCUFF PLATE



RELEASED
12.01.04
ECN 12-696

NOTES:

- 1) MATERIAL: MAKE FROM D4735-1F FLAT PATTERN
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.40 lbs

A NEW ISSUE		RF	12.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.11.01		

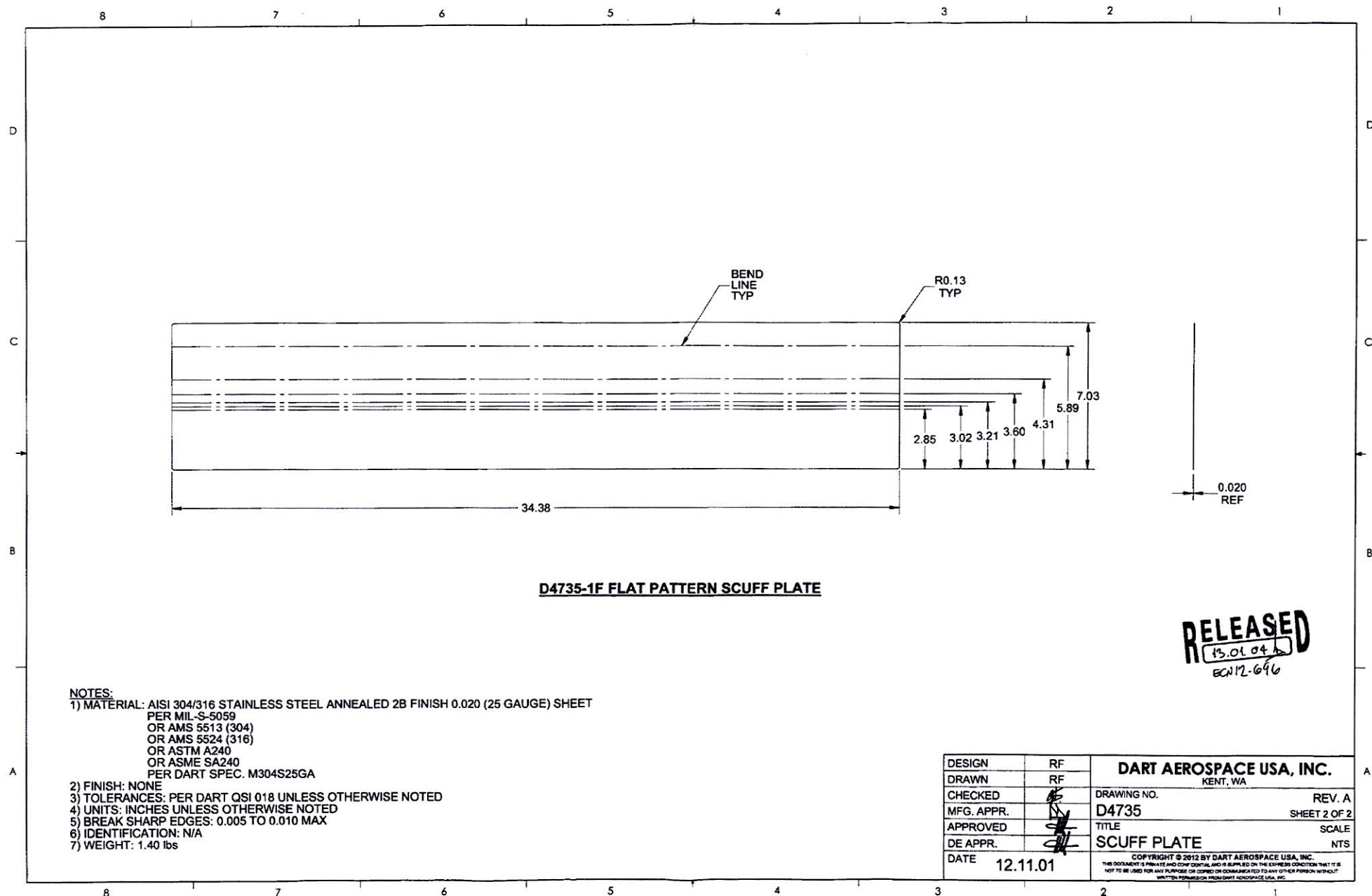
DART AEROSPACE USA, INC.
KENT, WA

DRAWING NO. **D4735** REV. A
TITLE **SCUFF PLATE** SCALE NTS

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NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

w/o 165015 DAB 207/08/11

DAS
13
9-89



NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.020 (25 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
PER DART SPEC. M304S25GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.40 lbs

DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4735	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SCUFF PLATE	NTS
DATE	12.11.01	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

RELEASED
13.01.04
BCN12-646



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37407**

Purchase Order Date 8/14/2017

PO Print Date 8/14/2017

Page Number 1 of 2

Order From :

VC-GFI001

Ship To : DART AEROSPACE LTD

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
2017/08/14

Contact Name

Vendor Phone 514 630 4877

Ship To Contact

Ship To Phone

Ship Via: FedEx PI collect

Ship Acct:

Buyer

Diane Baker

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	D4735-1P	Scuff Plate	9/7/2017	Yes	10.00 Each	\$126.00	\$1,260.00
	AS PER DWG D4735 REV. A B165015		9/7/2017				
						Line Total:	\$1,260.00
2	71401-45	PROCUREMENT QUALITY CLAUSES	9/7/2017	No	1.00	\$0.00	\$0.00
	PROCUREMENT QUALITY CLAUSES		9/7/2017				
	A005 RIGHT OF ENTRY						
	A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)						
	A012 CHEMICAL AND PHYSICAL TEST REPORTS						
	A016 PERSONNEL QUALIFICATION						
	A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)						
	A026 CERTIFICATION OF MATERIAL CONFORMANCE						
	A041 QUALITY MANAGEMENT SYSTEM						
	A042 DART NOTIFICATION BY SUPPLIER						
	A043 RETENTION OF QUALITY DOCUMENT						

Note:

8/14/2017



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849

GFI est une division de Thomas & Betts Limitée / GFI is a division of Thomas & Betts Limited



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
14	09	17	0606706	1/1



VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR SHIP VIA
DART GFI-0299	0337513	PO37407	
QUANTITÉ QUANTITY	N° DE PIÈCE PART NO.	DESCRIPTION	
10	D4735-1P	SCUFF PLATE ITEM 1 C OF C REQ'D	

MFG. JOB# 0337513 - 001 QTY 10 pcs

DUE DATE: 18 September 2017

8
CONTRÔLE
QUALITÉ
ISO 9001 / ISO 9001:2015

SPA-9-19.

EXPÉDITEUR
SHIPPER

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas&Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

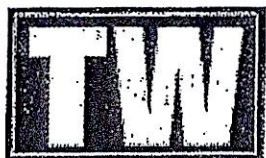
CERTIFICATE NO.	<u>11</u>	OUR JOB NO	<u>0337513-001</u>	SHIPPING MEMO	<u>0606706</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>1</u>	<u>10 PCS</u>	<u>PO37407</u>	<u>D4735-1P</u>	<u>A</u>	<u>SCUFF PLATE</u>	<u>A</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>AMS 5513 304</u>		<u>TW METALS/ NORTH AMERICAN STAINLESS</u>		<u>H/N 453T</u>		

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>N/A</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER 0337513-001 (10 PCS)</u>	<u>GFI</u>	
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 15 SEPTEMBER 2017

G.F.I. Q.C. REP.



TW METALS

O'Neal High-Performance
Metals Group

CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW-Metals Inc.

Customer Name:

GFI, Inc

Purchase Order No.:

0089780

Item number:

0001

Shipper/Invoice No.:

12107809

Material:

304

Manufacturing Mill:

NAS

Specification:

Ams 5513

Heat / Lot No.

453T

Size:

020

Quantity:

1pc

Signature:

Jarice Clark

Date:

8/23/11



United Performance Metals

Paul Isaacs
Paul Isaacs
Quality Associate

Customer Name: TW Metals - NY

Customer PO: D12017955

UPM Sales Order: 640809

Date: 23/08/2017

Description/Form: STAINLESS 304L - SHEET

Heat Number: 453T

Ingot: 03453T BB

Width: 48.0000 Length: 120.0000

Size: .0200

Customer P/N:

Packing List Number: 36098-1

Quantity: 33 lb. 1 pc.



METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

rtificate: 308745 02 Mail To: UNITED PERFORMANCE METALS
3475 SYMMES ROAD
HAMILTON, OH 45015
ustomer: 0018 001 Ship To: UNITED PERFORMANCE METALS
3475 SYMMES ROAD
HAMILTON, OH 45015
Date: 7/04/2017 Page: 1
Steel: 302/304/304L
Finish: 2B
our Order: CIN-27060-PO9 NAS Order: AN 0755915 01 Corrosion: ASTM A262/15;180Bend-OK

PRODUCT DESCRIPTION:

1/8 COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200
304/304L A240/16a, A480/16b, A666/15; ASME SA240/15, SA480/15, SA666/15
ITEM ONLY ON FOLLOWING ASTM: A276/17, A479/17, A484/16, A312/16
ITEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
MS 5511H/5513J/5516P XMRK; MIL-S-5059D AMD3 (X CRN MEAS); MIL-4043B
ACE MR0175/ISO 15156-3:2009 A, MR0103/07; QQS766D-A X MAG PERM
IN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
03453T BA	* 03453T BA	.0200	48.0000	27,610	COIL	8590.3	1	1 00711

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
453T	US	.0166	18.2315	.4555	1.8120	.3575	.0760	8.2405	.0325	.0029
SI %										
.3150										

MECHANICAL PROPERTIES

Product ID #	Coil #	1 d o i c x	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	% Tail Hard	Grain No.	D Fer F.N.	Hard R45T R45T
03453T BA	03453T BA	F T	91.36	48.48	58.69	56.50	9.50	3.40	54.50

UPM/QC
Reviewed/Approved by QC
Reviewed Specification(s):
ALL
Checked by: *[Signature]*
Pages: 2 Date: 7/5/2017

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical

Dept. Mgr.

KRIS LARK

7/04/2017

United Performance Metals


 Paul Isaacs
 Quality Associate

Customer Name: TW Metals - NY

Customer PO: D12017955

UPM Sales Order: 640809

Date: 23/08/2017

Description/Form: STAINLESS 304L - SHEET

Heat Number: 453T

Ingot: 03453T BB

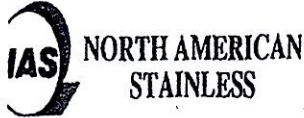
Width: 48.0000 Length: 120.0000

Size: .0200

Customer P/N:

Packing List Number: 36098-1

Quantity: 33 lb. 1 pc.



METALLURGICAL TEST REPORT

 6870 Highway 42 East
 Ghent, KY 41045-9615
 (502) 347-6000

Certificate: 308745 02 Mail To: UNITED PERFORMANCE METALS
 3475 SYMES ROAD
 HAMILTON, OH 45015
 Customer: 0018 001 Ship To: UNITED PERFORMANCE METALS
 3475 SYMES ROAD
 HAMILTON, OH 45015
 Date: 7/04/2017 Page: 2
 Steel: 302/304/304L
 Finish: 2B
 Our Order: CIN-27060-PO9 NAS Order: AN 0755915 01 Corrosion: ASTM A262/15;180Bend-OK

PRODUCT DESCRIPTION:

'S COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200
 ITEM A240/16a, A480/16b, A666/15; ASME SA240/15, SA480/15, SA666/15
 ITEM ONLY ON FOLLOWING ASTM: A276/17, A479/17, A484/16, A312/16
 ITEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
 IS 5511H/5513J/5516P XMRK; MIL-S-5059D AMD3 (X CRN MEAS); MIL-4043B
 ICE MR0175/ISO 15156-3:2009 A, MR0103/07; QQS766D-A X MAG PERM
 N. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
 EN 10204:2004 3.1; RoHS 1 & 2 Compliant
 Material is Free of Radioactive Contamination
 Steel Making Process: EAF, AOD, & Cont. Casting
 Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
 *Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
03453T BB	* 03453T BB	.0200	48.0000	24,540	COIL	7635.2	2	1 00711

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

HEAT	CH	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
453T	US	.0166	18.2315	.4555	1.8120	.3575	.0760	8.2405	.0325	.0029
SI %										
.3150										

MECHANICAL PROPERTIES

Product ID #	Coil #	1 d o i c r	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	% Tail Hard	Grain No.	D Fer F.N.	Hard R45T R45T
03453T BB	03453T BB	F T	91.36	48.48	58.69	56.50	9.50	3.40	54.50

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

 Technical
 Dept. Mgr.

KRIS LARK

7/04/2017





Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37407**

Purchase Order Date 8/14/2017

PO Print Date 8/14/2017

Page Number 1 of 2

Order From :

VC-GFI001

Ship To : DART AEROSPACE LTD

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 514 630 4877

Ship To Contact

Ship To Phone

Ship Via: FedEx PI collect

Ship Acct:

Buyer

Diane Baker

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D4735-1P AS PER DWG D4735 REV. A B165015	Scuff Plate	09/18/2017 Yes  XXXXXX	XXXXXX	10.00 Each	\$126.00	\$1,260.00
Line Total:							\$1,260.00
2	71401-45 PROCUREMENT QUALITY CLAUSES A005 RIGHT OF ENTRY A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER) A012 CHEMICAL AND PHYSICAL TEST REPORTS A016 PERSONNEL QUALIFICATION A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE) A026 CERTIFICATION OF MATERIAL CONFORMANCE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENT	PROCUREMENT QUALITY CLAUSES	9/7/2017 No 9/7/2017		1.00	\$0.00	\$0.00

APPROVED

By Pedro at 3:00 pm, Aug 14, 2017

Note:

8/14/2017



180 Labrosse Av.
Pointe Claire, QC
H9R 1A1

TO:

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

(CPO) PO#:

PO37407



(POI) ITEM#:

0001



PACKAGE COUNT:

1 OF 1

(PNR) PART NUMBER:

D4735-1P



(SHQ) QUANTITY:

10



PACKAGE WEIGHT:

(UNT) UNIT OF MEASURE:

EA



(PSN) PACKING SLIP #:

0606706



(COO) ORIGIN:

CA



(NAF) NAFTA:



(TRA) TRACEABILITY #:

0337513-001

